

Jozef Barnas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1352348/publications.pdf>

Version: 2024-02-01

321
papers

8,118
citations

61857

43
h-index

60497

81
g-index

324
all docs

324
docs citations

324
times ranked

3719
citing authors

#	ARTICLE	IF	CITATIONS
1	Bilinear magnetoresistance in topological insulators: The role of spin-orbit scattering on impurities. Journal of Magnetism and Magnetic Materials, 2022, 545, 168698.	1.0	1
2	Spin valve effect in two-dimensional VSe $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e140" altimg="si14.svg" \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ system. Journal of Magnetism and Magnetic Materials, 2022, 548, 168921.	1.0	5
3	Dynamic Friedel oscillations on the surface of a topological insulator. Physical Review B, 2022, 105, .	1.1	2
4	Graphene with Rashba spin-orbit interaction and coupling to a magnetic layer: Electron states localized at the domain wall. Physical Review B, 2021, 104, .	1.1	3
5	Plasmonic Skyrmion Lattice Based on the Magnetoelectric Effect. Physical Review Letters, 2020, 125, 227201.	2.9	15
6	The optical tweezer of skyrmions. Npj Computational Materials, 2020, 6, .	3.5	21
7	Optimization of spin Hall magnetoresistance in heavy-metal/ferromagnetic-metal bilayers. Scientific Reports, 2020, 10, 10767.	1.6	6
8	Stratonovich-Ito integration scheme in ultrafast spin caloritronics. Physical Review B, 2020, 102, .	1.1	3
9	Spin-Momentum-Locking Inhomogeneities as a Source of Bilinear Magnetoresistance in Topological Insulators. Physical Review Letters, 2020, 124, 046802.	2.9	36
10	Chiral Hall effect in the kink states in topological insulators with magnetic domain walls. Physical Review B, 2020, 101, .	1.1	3
11	Determining the Rashba parameter from the bilinear magnetoresistance response in a two-dimensional electron gas. Physical Review Materials, 2020, 4, .	0.9	34
12	Light absorption and pseudospin density generation in graphene nanoribbons. Physical Review B, 2019, 100, .	1.1	2
13	Time-resolved buildup of twisted indirect exchange interaction in two-dimensional systems. Physical Review B, 2019, 99, .	1.1	1
14	Field- and temperature-modulated spin diode effect in a GMR nanowire with dipolar coupling. Journal Physics D: Applied Physics, 2019, 52, 065002.	1.3	3
15	Klein tunnelling and Hartman effect in graphene junctions with proximity exchange field. Journal of Physics Condensed Matter, 2019, 31, 225302.	0.7	8
16	Determination of Spin Hall Angle in Heavy-Metal/ $\text{Co} \hat{=} \text{Fe} \hat{=} \text{B}$ -Based Heterostructures with Interfacial Spin-Orbit Fields. Physical Review Applied, 2019, 11, .	1.1	31
17	Conduction of surface electrons in a topological insulator with spatially random magnetization. Physical Review B, 2019, 100, .	1.1	6
18	Effects of spin-dependent electronic correlations on surface states in topological insulators. Physical Review B, 2019, 100, .	1.1	1

#	ARTICLE	IF	CITATIONS
19	Influence of spin-orbit and spin-Hall effects on the spin-Seebeck current beyond linear response: A Fokker-Planck approach. <i>Physical Review B</i> , 2019, 99, .	1.1	11
20	Hartman effect for spin waves in exchange regime. <i>Scientific Reports</i> , 2018, 8, 17944.	1.6	9
21	Anomalous Hall and Nernst Effects in 2D Systems: Role of Cubic Rashba Spin-Orbit Coupling. <i>Physica Status Solidi - Rapid Research Letters</i> , 2018, 12, 1800232.	1.2	2
22	Thermoelectric properties of a quantum dot coupled to magnetic leads by Rashba spin-orbit interaction. <i>Physical Review B</i> , 2018, 98, .	1.1	7
23	Thermally induced spin polarization in a magnetized two-dimensional electron gas with Rashba spin-orbit interaction. <i>Physical Review B</i> , 2018, 98, .	1.1	11
24	Current-induced spin polarization in the isotropic k -cubed Rashba model: Theoretical study of p -doped semiconductor heterostructures and perovskite-oxide interfaces. <i>Physical Review B</i> , 2018, 97, .	1.1	6
25	Charge and spin currents in graphene generated by tailored light with orbital angular momentum. <i>Applied Physics Letters</i> , 2018, 112, 231102.	1.5	7
26	Charge and spin conductivity of a two-dimensional electron gas with a random Rashba interaction. <i>Physical Review B</i> , 2018, 97, .	1.1	7
27	Influence of intermixing at the Ta/CoFeB interface on spin Hall angle in Ta/CoFeB/MgO heterostructures. <i>Scientific Reports</i> , 2017, 7, 968.	1.6	58
28	Unique magnetic and thermoelectric properties of chemically functionalized narrow carbon polymers. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 045303.	0.7	4
29	Anomalous, spin, and valley Hall effects in graphene deposited on ferromagnetic substrates. <i>2D Materials</i> , 2017, 4, 034003.	2.0	36
30	Spin-dependent thermoelectric phenomena in a quantum dot attached to ferromagnetic and superconducting electrodes. <i>Physical Review B</i> , 2017, 95, .	1.1	23
31	Current-induced spin polarization of a magnetized two-dimensional electron gas with Rashba spin-orbit interaction. <i>Physical Review B</i> , 2017, 95, .	1.1	13
32	Thermoelectric Effects in Spin Valves Based on Layered Magnetic Structures. <i>Acta Physica Polonica A</i> , 2017, 132, 124-128.	0.2	0
33	Shot noise in magnetic tunneling structures with two-level quantum dots. <i>Physical Review B</i> , 2016, 94, .	1.1	4
34	Electric-field tunable spin diode FMR in patterned PMN-PT/NiFe structures. <i>Applied Physics Letters</i> , 2016, 109, 072406.	1.5	11
35	Thermally induced magnonic spin current, thermomagnonic torques, and domain-wall dynamics in the presence of Dzyaloshinskii-Moriya interaction. <i>Physical Review B</i> , 2016, 94, .	1.1	13
36	Spin Hall and spin Nernst effects in a two-dimensional electron gas with Rashba spin-orbit interaction: Temperature dependence. <i>Physical Review B</i> , 2016, 94, .	1.1	20

#	ARTICLE	IF	CITATIONS
37	Damping in Finemet films capped by platinum. , 2016, , .		2
38	Estimation of transverse spin penetration length using second-harmonic measurement: Proposal of an experimental method. Physical Review B, 2016, 94, .	1.1	2
39	Spin-resolved orbital magnetization in Rashba two-dimensional electron gas. Physical Review B, 2016, 94, .	1.1	11
40	Spectacular enhancement of thermoelectric phenomena in chemically synthesized graphene nanoribbons with substitution atoms. Physical Chemistry Chemical Physics, 2016, 18, 18246-18254.	1.3	10
41	Two-dimensional electron gas at the LaAlO ₃ /SrTiO ₃ interface with a potential barrier. Physical Chemistry Chemical Physics, 2016, 18, 2104-2111.	1.3	9
42	ELECTRICAL AND THERMAL CONTROL OF MAGNETIC MOMENTS. , 2015, , .		0
43	Giant Magnetoresistance and Applications. Handbook of Surface Science, 2015, , 371-419.	0.3	4
44	Enhanced photogalvanic effect in graphene due to Rashba spin-orbit coupling. Physical Review B, 2015, 91, .	1.1	22
45	Thermoelectric and thermospin transport in a ballistic junction of graphene. Physical Review B, 2015, 92, .	1.1	16
46	Current-induced spin polarization and spin-orbit torque in graphene. Physical Review B, 2015, 92, .	1.1	28
47	Magnon transport through a quantum dot: Conversion to electronic spin and charge currents. Physical Review B, 2015, 92, .	1.1	8
48	Thermoelectric properties of silicene in the topological- and band-insulator states. Physical Review B, 2015, 91, .	1.1	26
49	The influence of interlayer exchange coupling in giant-magnetoresistive devices on spin diode effect in wide frequency range. Applied Physics Letters, 2015, 107, 122410.	1.5	11
50	Effect of magnetic anisotropy on spin-dependent thermoelectric effects in nanoscopic systems. Physical Review B, 2015, 91, .	1.1	12
51	Thermoelectric properties of zigzag silicene nanoribbons doped with Co impurity atoms. Journal of Magnetism and Magnetic Materials, 2015, 393, 305-309.	1.0	5
52	Zigzag nanoribbons of two-dimensional silicene-like crystals: magnetic, topological and thermoelectric properties. Journal of Physics Condensed Matter, 2015, 27, 485301.	0.7	16
53	Rectification of radio-frequency current in a giant-magnetoresistance spin valve. Physical Review B, 2015, 91, .	1.1	18
54	Spin and charge transport in double-junction Fe/MgO/GaAs/MgO/Fe heterostructures. Journal of Applied Physics, 2015, 117, 043908.	1.1	3

#	ARTICLE	IF	CITATIONS
55	Charge and Spin Transport in a Metal-Semiconductor Heterostructure with Double Schottky Barriers. Acta Physica Polonica A, 2015, 127, 472-474.	0.2	0
56	Transport through graphenelike flakes with intrinsic spin-orbit interactions. Physical Review B, 2015, 92, .	1.1	13
57	Thermal spin polarization in bidimensional systems. , 2015, , 545-568.		2
58	Boron nitride zigzag nanoribbons: optimal thermoelectric systems. Physical Chemistry Chemical Physics, 2015, 17, 22448-22454.	1.3	11
59	Thermoelectric Properties of Doped Zigzag Silicene Nanoribbons. Acta Physica Polonica A, 2015, 127, 505-507.	0.2	0
60	Transmission Through Graphene Junctions with Rashba Spin-Orbit Coupling. Acta Physica Polonica A, 2015, 127, 481-483.	0.2	0
61	Spin waves in exchange-coupled double layers in the presence of spin torques. Physical Review B, 2015, 91, .	1.1	6
62	Thermoelectric effect enhanced by resonant states in graphene. Physical Review B, 2015, 91, .	1.1	12
63	Magnon-driven longitudinal spin Seebeck effect in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0041.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{F} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0042.gif" overflow="scroll" \rangle \langle \text{mml:mi} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{F} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ structures: Role of asymmetric in-plane magnetic anisotropy. Journal of Magnetism and Magnetic Materials	1.0	10
64	Spin effects in thermoelectric phenomena in SiC nanoribbons. Physical Chemistry Chemical Physics, 2015, 17, 1925-1933.	1.3	11
65	Spin and Charge Transport in a Magnetic Tunnel Junction with Magnetic Impurities Embedded in the Tunnel Barrier. Acta Physica Polonica A, 2015, 128, 196-200.	0.2	0
66	Effects of Spin Pumping on Spin Waves in Antiferromagnetically Exchange-Coupled Double Layers with Surface Anisotropy. Acta Physica Polonica A, 2015, 128, 150-153.	0.2	0
67	Signatures of Transverse Magnetic Anisotropy in Transport through a Large-Spin Molecule in the Kondo Regime. Acta Physica Polonica A, 2015, 128, 200-203.	0.2	0
68	Superpoissonian shot noise in organic magnetic tunnel junctions. Applied Physics Letters, 2014, 105, .	1.5	10
69	Optical spin injection in graphene with Rashba spin-orbit interaction. Physical Review B, 2014, 89, .	1.1	22
70	Spin Hall effect in AA-stacked bilayer graphene. Solid State Communications, 2014, 188, 27-31.	0.9	11
71	Enhanced thermoelectric efficiency in ferromagnetic silicene nanoribbons terminated with hydrogen atoms. Physical Chemistry Chemical Physics, 2014, 16, 12900-12908.	1.3	35
72	Spin-torque diode radio-frequency detector with voltage tuned resonance. Applied Physics Letters, 2014, 105, .	1.5	21

#	ARTICLE	IF	CITATIONS
73	Spin effects in thermoelectric properties of Al- and P-doped zigzag silicene nanoribbons. <i>Physical Review B</i> , 2014, 89, .	1.1	56
74	Spin-polarized Andreev transport influenced by Coulomb repulsion through a two-quantum-dot system. <i>Physical Review B</i> , 2014, 89, .	1.1	40
75	Spin-dependent thermoelectric effects in transport through a nanoscopic junction involving a spin impurity. <i>Physical Review B</i> , 2014, 89, .	1.1	20
76	Current-induced spin polarization in graphene due to Rashba spin-orbit interaction. <i>Physical Review B</i> , 2014, 89, .	1.1	28
77	Effects of Transverse Magnetic Anisotropy on Current-Induced Spin Switching. <i>Physical Review Letters</i> , 2013, 111, 046603.	2.9	21
78	Current-induced instability of a composite free layer with antiferromagnetic interlayer coupling. <i>Physical Review B</i> , 2013, 88, .	1.1	13
79	Asymmetry-induced effects in Kondo quantum dots coupled to ferromagnetic leads. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 075301.	0.7	11
80	Shot Noise in Epitaxial Double-Barrier Magnetic Tunnel Junctions. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 4347-4350.	1.2	0
81	Thermoelectric effects in silicene nanoribbons. <i>Physical Review B</i> , 2013, 88, .	1.1	120
82	Backhopping effect in magnetic tunnel junctions: Comparison between theory and experiment. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	8
83	Fokker-Planck approach to the theory of the magnon-driven spin Seebeck effect. <i>Physical Review B</i> , 2013, 88, .	1.1	32
84	Spin-transfer torque and current-induced switching in metallic spin valves with perpendicular polarizers. <i>Physical Review B</i> , 2013, 88, .	1.1	4
85	Transverse spin penetration length in metallic spin valves. <i>Journal of Applied Physics</i> , 2013, 113, 193905.	1.1	6
86	Thermally induced spin polarization of a two-dimensional electron gas. <i>Physical Review B</i> , 2013, 87, .	1.1	29
87	Giant spin thermoelectric efficiency in ferromagnetic graphene nanoribbons with antidots. <i>Physical Review B</i> , 2013, 88, .	1.1	52
88	Spin-dependent thermoelectric properties of a Kondo-correlated quantum dot with Rashba spin-orbit coupling. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 505305.	0.7	17
89	Thermoelectric and Interference Effects in a Kondo-Correlated Quantum Dot with Rashba Spin-Orbit Coupling. <i>Acta Physica Polonica A</i> , 2013, 124, 901-904.	0.2	0
90	Shot noise in magnetic double-barrier tunnel junctions. <i>Physical Review B</i> , 2013, 87, .	1.1	9

#	ARTICLE	IF	CITATIONS
91	Spin thermoelectric effects in Kondo quantum dots coupled to ferromagnetic leads. Physical Review B, 2013, 88, .	1.1	48
92	Nonlinear Anomalous Hall Effect and Negative Magnetoresistance in a System with Random Rashba Field. Physical Review Letters, 2012, 109, 206601.	2.9	15
93	Anomalous Hall effect in superconductors with spin-orbit interaction. Physical Review B, 2012, 85, .	1.1	11
94	Spin Hall effect in graphene due to random Rashba field. Physical Review B, 2012, 86, .	1.1	12
95	Spin-Dependent Transport Through Graphene Quantum Dots. Journal of Nanoscience and Nanotechnology, 2012, 12, 7525-7528.	0.9	6
96	Spin Hall and Spin Nernst Effects Due to Intrinsic Spin-Orbit Coupling in Monolayer and Bilayer Graphene. Journal of Nanoscience and Nanotechnology, 2012, 12, 9051-9057.	0.9	2
97	Temperature dependence of electronic transport through molecular magnets in the Kondo regime. Physical Review B, 2012, 86, .	1.1	9
98	Large enhancement of thermoelectric effects in a double quantum dot system due to interference and Coulomb correlation phenomena. Physical Review B, 2012, 85, .	1.1	177
99	Manifestation of the shape and edge effects in spin-resolved transport through graphene quantum dots. Physical Review B, 2012, 85, .	1.1	24
100	Spin Hall effect and spin current generation in two-dimensional systems with random Rashba spin-orbit coupling. Journal of Magnetism and Magnetic Materials, 2012, 324, 3573-3575.	1.0	5
101	Magnetoresistance of two-dimensional electrons with spin-orbit coupling disorder. Journal of Physics: Conference Series, 2012, 393, 012008.	0.3	0
102	Controlling Shot Noise in Double-Barrier Magnetic Tunnel Junctions. Physical Review Letters, 2012, 109, 066601.	2.9	20
103	Underscreened Kondo effect in $S=1$ magnetic quantum dots: Exchange, anisotropy, and temperature effects. Physical Review B, 2012, 86, .	1.1	11
104	Intrinsic spin Hall effect in silicene: transition from spin Hall to normal insulator. Physica Status Solidi - Rapid Research Letters, 2012, 6, 340-342.	1.2	51
105	Spin-transfer torque in a thick Néel domain wall. Physical Review B, 2012, 85, .	1.1	9
106	Intrinsic contribution to spin Hall and spin Nernst effects in a bilayer graphene. Journal of Physics Condensed Matter, 2012, 24, 275302.	0.7	15
107	Intrinsic Spin Hall and Spin Nernst Effects in Single-Layer Graphene: Tight-Binding vs. Effective Model. Acta Physica Polonica A, 2012, 121, 1198-1200.	0.2	1
108	Andreev Reflection in Transport through a Quantum Dot Coupled to Ferromagnetic and Superconducting Electrodes. Acta Physica Polonica A, 2012, 121, 1201-1203.	0.2	1

#	ARTICLE	IF	CITATIONS
109	Spin Thermoelectric Effects in Transport through a Two-Level Quantum Dot Coupled to Ferromagnetic Leads. <i>Acta Physica Polonica A</i> , 2012, 121, 1207-1209.	0.2	2
110	Current-Induced Spin Accumulation and Spin Transfer Torque in a Néel Domain Wall. <i>Acta Physica Polonica A</i> , 2012, 121, 1210-1212.	0.2	0
111	Spin Hall Effect in a Two-Dimensional Electron Gas with Constant Dresselhaus and Random Rashba Spin-Orbit Interactions. <i>Acta Physica Polonica A</i> , 2012, 122, 1016-1018.	0.2	1
112	Spin Hall Effect in a Two-Dimensional Electron Gas with Strong Rashba Spin-Orbit Interaction: Semiclassical Keldysh Approach. <i>Acta Physica Polonica A</i> , 2012, 122, 1059-1061.	0.2	0
113	Graphene p-n junctions with nonuniform Rashba spin-orbit coupling. <i>Applied Physics Letters</i> , 2011, 99, 162107.	1.5	19
114	Interplay of the Kondo Effect and Spin-Polarized Transport in Magnetic Molecules, Adatoms, and Quantum Dots. <i>Physical Review Letters</i> , 2011, 106, 126602.	2.9	51
115	Spin dephasing and pumping in graphene due to random spin-orbit interaction. <i>Physical Review B</i> , 2011, 83, .	1.1	61
116	Magnetization Dynamics in a Magnetic Tunnel Junction Due to Spin Transfer Torque in the Presence of Interlayer Exchange Coupling. <i>IEEE Transactions on Magnetics</i> , 2011, 47, 1627-1630.	1.2	4
117	Interplay of the Kondo effect and spin-polarized transport in nanoscopic systems with uniaxial magnetic anisotropy. <i>Journal of Applied Physics</i> , 2011, 109, 07C732.	1.1	3
118	Current-induced dynamics of composite free layer with antiferromagnetic interlayer exchange coupling. <i>Physical Review B</i> , 2011, 83, .	1.1	8
119	Nonlinear spin Hall effect in GaAs (110) quantum wells. <i>Physical Review B</i> , 2011, 84, .	1.1	3
120	Influence of magnetic anisotropy on the Kondo effect and spin-polarized transport through magnetic molecules, adatoms, and quantum dots. <i>Physical Review B</i> , 2011, 84, .	1.1	29
121	Dark states in transport through triple quantum dots: The role of cotunneling. <i>Physical Review B</i> , 2011, 83, .	1.1	35
122	Thermoelectric effects in transport through a quantum dot attached to ferromagnetic electrodes. <i>Journal of Physics: Conference Series</i> , 2010, 213, 012021.	0.3	1
123	Kondo-Dicke Resonances in Electronic Transport Through Double Quantum Dots. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 2489-2494.	0.9	10
124	Spin transfer torque and magnetic dynamics in tunnel junctions. <i>Physical Review B</i> , 2010, 82, .	1.1	5
125	Current-induced magnetic switching of an arbitrary oriented single-molecule magnet in the cotunneling regime. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 1265-1268.	1.0	0
126	Synchronization of macrospins arranged into a linear chain. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 1434-1437.	1.0	2

#	ARTICLE	IF	CITATIONS
127	Magnetization reversal by a single pulse of magnetic field or spin-polarized current. Journal of Magnetism and Magnetic Materials, 2010, 322, 1373-1376.	1.0	4
128	Spin and charge transport through non-collinear magnetic nanowires. Journal of Magnetism and Magnetic Materials, 2010, 322, 1419-1421.	1.0	4
129	Clebsch-Gordan coefficients for scattering tensors in ZnO and other wurtzite semiconductors. Physica Status Solidi (B): Basic Research, 2010, 247, 1802-1806.	0.7	1
130	Eightfold shell-filling patterns in spin-dependent transport through double-wall carbon nanotube quantum dots. Physical Review B, 2010, 82, .	1.1	5
131	Kondo effect in a quantum dot coupled to ferromagnetic leads and side-coupled to a nonmagnetic reservoir. Physical Review B, 2010, 81, .	1.1	10
132	Computational study of microwave oscillations in nonstandard spin valves in the diffusive transport limit. Physical Review B, 2010, 81, .	1.1	2
133	Conductance in Co/Al ₂ O ₃ /Si/Al ₂ O ₃ permalloy with asymmetrically doped barrier. Physical Review B, 2010, 81, .	1.1	2
134	Nonlinear magnetotransport in dual spin valves. Physical Review B, 2010, 82, .	1.1	2
135	Robust impurity-scattering spin Hall effect in a two-dimensional electron gas. Physical Review B, 2010, 82, .	1.1	33
136	Resonances in electronic transport through systems of coupled quantum dots. Journal of Non-Crystalline Solids, 2010, 356, 1875-1880.	1.5	5
137	Tunneling in Double Barrier Junctions with "Hot Spots". Physical Review Letters, 2010, 105, 047207.	2.9	19
138	Spin diode behavior in transport through single-molecule magnets. Europhysics Letters, 2010, 89, 18003.	0.7	41
139	Electrical Control of Magnetic States. Acta Physica Polonica A, 2010, 118, 199-203.	0.2	0
140	Spin Hall effect in a system of Dirac fermions in the honeycomb lattice with intrinsic and Rashba spin-orbit interaction. Physical Review B, 2009, 80, .	1.1	34
141	Current-induced dynamics in noncollinear dual spin valves. Physical Review B, 2009, 80, .	1.1	19
142	Correlation of the angular dependence of spin-transfer torque and giant magnetoresistance in the limit of diffusive transport in spin valves. Physical Review B, 2009, 79, .	1.1	13
143	Current-pulse-induced magnetic switching in standard and nonstandard spin-valves: Theory and numerical analysis. Physical Review B, 2009, 79, .	1.1	12
144	Spin effects in transport through single-molecule magnets in the sequential and cotunneling regimes. Physical Review B, 2009, 79, .	1.1	70

#	ARTICLE	IF	CITATIONS
145	Negative tunnel magnetoresistance and differential conductance in transport through double quantum dots. <i>Physical Review B</i> , 2009, 80, .	1.1	37
146	Magnetization dynamics in nanopillars in the diffusive transport regime: Macrospin versus micromagnetic analysis. <i>Journal of Applied Physics</i> , 2009, 106, 113909.	1.1	2
147	Ultra-fast ballistic magnetization reversal triggered by a single magnetic field pulse. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 245007.	1.3	6
148	Current-induced switching of a single magnetic molecule with an arbitrary orientation of the magnetic easy axis. <i>Solid State Sciences</i> , 2009, 11, 772-777.	1.5	1
149	Switching of molecular magnets. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 695-715.	0.7	27
150	Bound and free excitons in ZnO. Optical selection rules in the absence and presence of time reversal symmetry. <i>Microelectronics Journal</i> , 2009, 40, 289-292.	1.1	12
151	Transport through a quantum dot subject to spin and charge bias. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 2414-2420.	1.0	15
152	Spin Hall effect in IV-VI semiconductors. <i>Europhysics Letters</i> , 2009, 85, 67004.	0.7	5
153	Spin relaxation and combined resonance in two-dimensional electron systems with spin-orbit disorder. <i>Physical Review B</i> , 2009, 80, .	1.1	31
154	Spin-Transfer and Current-Induced Spin Dynamics in Spin Valves: Diffusive Transport Regime. , 2009, , 285-322.		2
155	Thermoelectric effects in transport through quantum dots attached to ferromagnetic leads with noncollinear magnetic moments. <i>Physical Review B</i> , 2009, 80, .	1.1	235
156	Spin Torque in Double Planar Tunnel Junctions. <i>Acta Physica Polonica A</i> , 2009, 115, 269-271.	0.2	7
157	Current-Pulse-Induced Switching \hat{I}_z Asymmetric Spin Valves. <i>Acta Physica Polonica A</i> , 2009, 115, 278-280.	0.2	2
158	Anomalous Hall Effect in IV-VI Semiconductors. <i>Acta Physica Polonica A</i> , 2009, 115, 287-289.	0.2	4
159	The Influence of Electric Field \hat{I}_z on the Optical Spin Polarization of Electrons in a Diluted Magnetic Semiconductor. <i>Acta Physica Polonica A</i> , 2009, 116, 909-910.	0.2	0
160	Elementary excitations in Si, Ge, and diamond time reversal affected. <i>Thin Solid Films</i> , 2008, 517, 372-375.	0.8	0
161	Decoherence resonances in carbon nanotubes. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 2319-2321.	1.3	0
162	Infrared absorption, multiphonon processes and time reversal effect on Si and Ge band structure. <i>Thin Solid Films</i> , 2008, 517, 134-136.	0.8	0

#	ARTICLE	IF	CITATIONS
163	Free-electron model of current-induced spin-transfer torque in magnetic tunnel junctions. <i>Physical Review B</i> , 2008, 77, .	1.1	53
164	Current-induced magnetic switching and dynamics in spin valves. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 4181-4185.	1.5	1
165	Transport through single-wall metallic carbon nanotubes in the cotunneling regime. <i>Physical Review B</i> , 2008, 78, .	1.1	25
166	Spin effects in single-electron tunnelling. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 423202.	0.7	77
167	Spin diode based on a single-walled carbon nanotube. <i>Applied Physics Letters</i> , 2008, 92, .	1.5	30
168	Microwave excitations associated with a wavy angular dependence of the spin transfer torque: Model and experiments. <i>Physical Review B</i> , 2008, 77, .	1.1	17
169	Anomalous Hall effect and Berry phase in two-dimensional magnetic structures. <i>Journal of Physics: Conference Series</i> , 2008, 104, 012018.	0.3	4
170	Dynamics of Current-Induced Magnetic Switching of a Single-Molecule Magnet. <i>IEEE Transactions on Magnetism</i> , 2008, 44, 2523-2526.	1.2	3
171	The Kondo effect in quantum dots coupled to ferromagnetic leads with noncollinear magnetizations: effects due to electron-phonon coupling. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 255219.	0.7	21
172	Dicke-like effect in spin-polarized transport through coupled quantum dots. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 125220.	0.7	27
173	Kondo-Dicke resonances in electronic transport through triple quantum dots. <i>Physical Review B</i> , 2008, 78, .	1.1	48
174	Influence of a periodic magnetic field and spin-polarized current on the magnetic dynamics of a monodomain ferromagnet. <i>Physical Review B</i> , 2008, 78, .	1.1	17
175	Effects of intrinsic spin-relaxation in molecular magnets on current-induced magnetic switching. <i>Physical Review B</i> , 2008, 77, .	1.1	29
176	Current-induced dynamics of a monodomain ferromagnet in an external magnetic field applied in easy magnetic plane: Macrospin model. <i>Physical Review B</i> , 2008, 77, .	1.1	13
177	Anomalous Hall effect in IV-VI magnetic semiconductors. <i>Physical Review B</i> , 2008, 78, .	1.1	7
178	Shot noise and tunnel magnetoresistance in multilevel quantum dots: Effects of cotunneling. <i>Physical Review B</i> , 2008, 77, .	1.1	16
179	Comment on "Weak Localization in Ferromagnetic (Ga,Mn)As Nanostructures". <i>Physical Review Letters</i> , 2008, 101, 129701; author reply 129702.	2.9	10
180	Charge and spin transport through artificial atoms and molecules. <i>Journal of Physics: Conference Series</i> , 2008, 104, 012016.	0.3	0

#	ARTICLE	IF	CITATIONS
181	Spin Torque in Semiconductor Single Planar Tunnel Junctions. Acta Physica Polonica A, 2008, 113, 35-38.	0.2	1
182	Poor Man's Scaling and Green Function Analysis of the Kondo Anomaly in Single-Level Quantum Dots. Acta Physica Polonica A, 2008, 113, 553-556.	0.2	1
183	Electronic Transport through a Quantum Dot Coupled to Non-Collinear Ferromagnetic Electrodes: The Kondo Regime. Acta Physica Polonica A, 2008, 113, 565-568.	0.2	0
184	Spin polarization of dilute magnetic semiconductors under optical excitation of impurity levels. Ukrainian Journal of Physical Optics, 2008, 9, 60.	9.7	1
185	Thermally Assisted Current-Driven Dynamics in Asymmetric Spin Valves. Acta Physica Polonica A, 2008, 113, 31-34.	0.2	0
186	Spin Currents in Magnetic Nanostructures. Acta Physica Polonica A, 2008, 114, 975-982.	0.2	0
187	Phonons and electronic states of ZnO, Al ₂ O ₃ and Ge in the presence of time reversal symmetry. Journal of Physics: Conference Series, 2007, 92, 012071.	0.3	1
188	Quantum tunneling of magnetization in single molecular magnets coupled to ferromagnetic reservoirs. Europhysics Letters, 2007, 78, 27003.	0.7	19
189	Spin polarization and relaxation in a semiconductor with impurity absorption of circularly polarized light. Journal of Physics Condensed Matter, 2007, 19, 266205.	0.7	2
190	Transport through two-level quantum dots weakly coupled to ferromagnetic leads. Journal of Physics Condensed Matter, 2007, 19, 096208.	0.7	22
191	Spin polarized transport through a single-molecule magnet: Current-induced magnetic switching. Physical Review B, 2007, 76, .	1.1	89
192	Theory of shot noise in single-walled metallic carbon nanotubes weakly coupled to nonmagnetic and ferromagnetic leads. Physical Review B, 2007, 76, .	1.1	27
193	Quantum interference and Coulomb correlation effects in spin-polarized transport through two coupled quantum dots. Physical Review B, 2007, 76, .	1.1	91
194	Cotunneling through quantum dots coupled to magnetic leads: Zero-bias anomaly for noncollinear magnetic configurations. Physical Review B, 2007, 75, .	1.1	39
195	Application of self-organization methods to current-induced magnetization dynamics of a single-domain ferromagnet. Journal of Applied Physics, 2007, 101, 034504.	1.1	6
196	Magnetic switching of a single molecular magnet due to spin-polarized current. Physical Review B, 2007, 75, .	1.1	92
197	Resonant decoherence due to electron-electron interactions in carbon nanotubes. Physical Review B, 2007, 75, .	1.1	1
198	Spin transport and spin torque in a magnetic nanowire with a non-collinear magnetic order. Journal of Physics: Conference Series, 2007, 61, 105-109.	0.3	1

#	ARTICLE	IF	CITATIONS
199	Thermally Assisted Current-Driven Bistable Precessional Regimes in Asymmetric Spin Valves. <i>Physical Review Letters</i> , 2007, 99, 097205.	2.9	14
200	Effects of time reversal symmetry on phonons in sapphire substrate for ZnO and GaN. <i>Superlattices and Microstructures</i> , 2007, 42, 278-283.	1.4	0
201	Phonons in sapphire Al ₂ O ₃ substrate for ZnO and GaN. <i>Materials Science and Engineering C</i> , 2007, 27, 1222-1226.	3.8	6
202	Current-induced switching in spin-valve structures. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 2304-2310.	0.7	1
203	Spin-polarized transport through two coupled quantum dots. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 2553-2558.	0.7	8
204	Shaped angular dependence of the spin-transfer torque and microwave generation without magnetic field. <i>Nature Physics</i> , 2007, 3, 492-497.	6.5	147
205	QUANTIZATION OF ELECTRICAL CONDUCTANCE IN METAL-SEMICONDUCTOR NANOCONTACTS. , 2007, , .		0
206	Coherent Transport through Systems of Coupled Quantum Dots. <i>Acta Physica Polonica A</i> , 2007, 112, 473-480.	0.2	0
207	Spin-Dependent Phenomena in Magnetoelectronic Devices. <i>Acta Physica Polonica A</i> , 2007, 112, 1259-1265.	0.2	0
208	Current-Driven Magnetoresistance Oscillations in Asymmetric Spin Valves. <i>Acta Physica Polonica A</i> , 2007, 112, 1267-1270.	0.2	0
209	Exchange interaction of magnetic impurities in graphene. <i>Physical Review B</i> , 2006, 74, .	1.1	126
210	Kondo effect in quantum dots coupled to ferromagnetic leads with noncollinear magnetizations. <i>Physical Review B</i> , 2006, 73, .	1.1	65
211	Current-induced dynamics in asymmetric spin valves. <i>Applied Physics Letters</i> , 2006, 89, 223121.	1.5	15
212	Spin dependent tunneling through a quantum dot attached to ferromagnetic electrodes with non-collinear magnetizations. <i>Journal of Alloys and Compounds</i> , 2006, 423, 264-266.	2.8	0
213	Electron transport through nanoscopic spin valves. <i>Journal of Alloys and Compounds</i> , 2006, 423, 244-247.	2.8	0
214	Spin dynamics due to spin-transfer in magnetic spin valves. <i>Journal of Alloys and Compounds</i> , 2006, 423, 194-196.	2.8	0
215	Current induced switching due to spin-transfer in spin valves: macroscopic model. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 97-100.	0.8	0
216	Kondo effect in spin-dependent transport through a quantum dot for a finite correlation parameter U. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 105-108.	0.8	3

#	ARTICLE	IF	CITATIONS
217	Spin-polarized resonant tunneling through two coupled quantum dots. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 113-117.	0.8	5
218	Diode effect in transport through a quantum dot coupled to non-collinearly polarized ferromagnetic leads. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 89-92.	0.8	0
219	Spin accumulation, spin currents, and torque, in the problem of motion of a sharp domain wall in magnetic nanowires. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 193-196.	0.7	0
220	The influence of magnetic configuration on tunnelling current in double tunnel junctions with ferromagnetic electrodes. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 231-234.	0.7	1
221	Spin-dependent transport through double-island single-electron devices. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 239-242.	0.7	3
222	Torque induced by spin-polarized current in ferromagnetic single-electron transistors. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 243-246.	0.7	2
223	Current-induced spin dynamics in spin-valve structures. <i>Physica Status Solidi (B): Basic Research</i> , 2006, 243, 219-222.	0.7	2
224	Macroscopic description of spin transfer torque. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2006, 126, 271-274.	1.7	13
225	Current-Driven Destabilization of Both Collinear Configurations in Asymmetric Spin Valves. <i>Physical Review Letters</i> , 2006, 96, 207205.	2.9	55
226	Spin-polarized transport through a single-level quantum dot in the Kondo regime. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 2291-2304.	0.7	29
227	Transmission of correlated electrons through sharp domain walls in magnetic nanowires: A renormalization group approach. <i>Physical Review B</i> , 2006, 74, .	1.1	15
228	Effect of intrinsic spin relaxation on the spin-dependent cotunneling transport through quantum dots. <i>Physical Review B</i> , 2006, 73, .	1.1	27
229	Current-induced motion of a domain wall in a magnetic nanowire. <i>Physical Review B</i> , 2006, 74, .	1.1	27
230	Negative differential conductance and magnetoresistance oscillations due to spin accumulation in ferromagnetic double-island devices. <i>Physical Review B</i> , 2006, 73, .	1.1	19
231	Spin-dependent transport in single-electron devices. , 2006, , 145-194.		1
232	Quantum dots attached to ferromagnetic leads: possibility of new spintronic devices. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 290-291, 209-212.	1.0	10
233	Cotunneling through a quantum dot coupled to ferromagnetic leads with noncollinear magnetizations. <i>European Physical Journal B</i> , 2005, 46, 289-299.	0.6	28
234	Transport through a single discrete level for non-collinear magnetic polarizations of the electron reservoirs. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 294, 1-9.	1.0	4

#	ARTICLE	IF	CITATIONS
235	Multiphonon processes in ZnO. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 1131-1136.	0.8	7
236	Spin precession in spin-polarized transport through an interacting quantum dot. <i>Physica Status Solidi (B): Basic Research</i> , 2005, 242, 342-346.	0.7	1
237	Tunnel magnetoresistance of quantum dots coupled to ferromagnetic leads in the sequential and cotunneling regimes. <i>Physical Review B</i> , 2005, 72, .	1.1	128
238	Zero-bias anomaly in cotunneling transport through quantum-dot spin valves. <i>Physical Review B</i> , 2005, 72, .	1.1	57
239	Gate-controlled spin splitting in quantum dots with ferromagnetic leads in the Kondo regime. <i>Physical Review B</i> , 2005, 72, .	1.1	93
240	Magnetoresistance of a semiconducting magnetic wire with a domain wall. <i>Physical Review B</i> , 2005, 71, .	1.1	29
241	Spin effects in electron tunneling through a quantum dot coupled to noncollinearly polarized ferromagnetic leads. <i>Physical Review B</i> , 2005, 71, .	1.1	81
242	Classical description of current-induced spin-transfer torque in multilayer structures. <i>Journal of Applied Physics</i> , 2005, 97, 023902.	1.1	4
243	From giant magnetoresistance to current-induced switching by spin transfer. <i>Physical Review B</i> , 2005, 72, .	1.1	156
244	Quantum Dots Attached to Ferromagnetic Leads: Exchange Field, Spin Precession, and Kondo Effect. <i>Lecture Notes in Physics</i> , 2005, , 145-164.	0.3	7
245	Optical characterization of bulk GaN silicon and magnesium doped: as grown, hydrogen implanted, and annealed. <i>EPJ Applied Physics</i> , 2004, 27, 267-270.	0.3	1
246	Non-equilibrium Kondo Effect in Electronic Transport through Quantum Dots. <i>European Physical Journal D</i> , 2004, 54, 615-618.	0.4	2
247	Optical characterization of GaN doping superlattices: as grown, hydrogen implanted, and annealed. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004, 1, 223-228.	0.8	1
248	Spin valve effect in electronic transport through quantum dots. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004, 1, 3339-3342.	0.8	0
249	Spin-polarized electronic transport through a quantum dot: non-collinear magnetic configuration. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 279, 134-142.	1.0	1
250	Nonequilibrium Kondo Effect in a Single-Channel Quantum Dot Asymmetrically Coupled to Two Ferromagnetic Reservoirs. <i>Acta Physica Polonica A</i> , 2004, 105, 149-154.	0.2	0
251	Title is missing!. <i>Journal of Superconductivity and Novel Magnetism</i> , 2003, 16, 225-228.	0.5	1
252	Title is missing!. <i>Journal of Superconductivity and Novel Magnetism</i> , 2003, 16, 15-18.	0.5	2

#	ARTICLE	IF	CITATIONS
253	Mechanism of Ferromagnetism in Diluted Magnetic Semiconductors at Low Carrier Density. Journal of Superconductivity and Novel Magnetism, 2003, 16, 67-70.	0.5	4
254	Nonequilibrium Spin Fluctuations in Nonmagnetic Single-Electron Transistors and Quantum Dots. Journal of Superconductivity and Novel Magnetism, 2003, 16, 343-346.	0.5	1
255	Hydrogen implantation effect on optical properties of GaAs doping superlattices. Crystal Research and Technology, 2003, 38, 344-350.	0.6	1
256	Modeling of magnetically controlled Si-based optoelectronic devices. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 16, 558-562.	1.3	10
257	Spin-polarised electron tunnelling in ultra-small magnetic junctions. Physica Status Solidi A, 2003, 196, 105-108.	1.7	1
258	Tunnel magnetoresistance in planar junctions with ferromagnetic barriers. Physica Status Solidi A, 2003, 196, 109-112.	1.7	2
259	Spin polarized cotunneling through a quantum dot. Physica Status Solidi A, 2003, 196, 113-116.	1.7	0
260	Accumulation of spin and charge and transport properties of ferromagnets with domain walls. Physica Status Solidi A, 2003, 196, 177-180.	1.7	2
261	Origin of magnetoresistance in Ca: doped YIG. Physica Status Solidi A, 2003, 196, 189-192.	1.7	2
262	Transport characteristics of ferromagnetic single-electron transistors. Physica Status Solidi (B): Basic Research, 2003, 236, 651-660.	0.7	34
263	Spin related effects in magnetic mesoscopic systems. Physica Status Solidi (B): Basic Research, 2003, 236, 246-252.	0.7	10
264	Ferromagnetism in diluted magnetic semiconductors at low carrier density. Physica Status Solidi (B): Basic Research, 2003, 236, 507-510.	0.7	1
265	Nonequilibrium Kondo effect in quantum dots. Physical Review B, 2003, 68, .	1.1	69
266	Kondo Effect in Quantum Dots Coupled to Ferromagnetic Leads. Physical Review Letters, 2003, 91, 127203.	2.9	300
267	Kondo Effect in the Presence of Itinerant-Electron Ferromagnetism Studied with the Numerical Renormalization Group Method. Physical Review Letters, 2003, 91, 247202.	2.9	186
268	Exchange interaction and ferromagnetism in III-V semiconductors. Physical Review B, 2003, 67, .	1.1	13
269	Reflection of electrons from a domain wall in magnetic nanojunctions. Physical Review B, 2003, 68, .	1.1	47
270	TRANSPORT PROPERTIES OF DOMAIN WALLS IN FERROMAGNETS. , 2003, , .		0

#	ARTICLE	IF	CITATIONS
271	Interference effects in electronic transport through metallic single-wall carbon nanotubes. Physical Review B, 2002, 66, .	1.1	29
272	Spin accumulation in ferromagnetic single-electron transistors in the cotunneling regime. Physical Review B, 2002, 66, .	1.1	41
273	Electrons in a ferromagnetic metal with a domain wall. Physical Review B, 2002, 65, .	1.1	46
274	Electron tunnelling in a double ferromagnetic junction with a magnetic dot as a spacer. Journal of Physics Condensed Matter, 2002, 14, 2011-2023.	0.7	20
275	Magnetically Controlled Photovoltaic Diode Structure. Materials Research Society Symposia Proceedings, 2002, 721, 1.	0.1	0
276	Sequential and coherent electron tunneling in ferromagnetic planar junctions. Sensors and Actuators A: Physical, 2001, 91, 188-191.	2.0	8
277	Weak localization in ferromagnets with spin-orbit interaction. Physical Review B, 2001, 64, .	1.1	76
278	Tunnel magnetoresistance in ferromagnetic junctions: Tunneling through a single discrete level. Physical Review B, 2001, 64, .	1.1	167
279	QUANTUM CORRECTIONS TO CONDUCTIVITY IN MAGNETIC QUANTUM WELLS. , 2001, , .		0
280	SINGLE-ELECTRON ELECTRONICS WITH SPIN: FERROMAGNETIC SINGLE-ELECTRON TRANSISTOR. , 2001, , .		0
281	Spin effects in ferromagnetic single-electron transistors. Physical Review B, 2000, 62, 12363-12373.	1.1	63
282	Tunneling Magnetoresistance in Planar Ferromagnetic Junctions. Acta Physica Polonica A, 2000, 97, 443-446.	0.2	4
283	Correlated Roughness Effects in the Giant Magnetoresistance of Magnetic Multilayers. Acta Physica Polonica A, 2000, 97, 495-498.	0.2	2
284	Shot noise in ferromagnetic single-electron tunneling devices. Physical Review B, 1999, 60, 12246-12255.	1.1	67
285	Interplay of spin accumulation and Coulomb blockade in double ferromagnetic junctions. Journal of Magnetism and Magnetic Materials, 1999, 192, L391-L395.	1.0	43
286	Spin effects in single-electron tunneling in magnetic junctions. Journal of Magnetism and Magnetic Materials, 1999, 207, 1-6.	1.0	23
287	Conductivity of Quantum Wires with Rough Boundaries. Physica Status Solidi (B): Basic Research, 1999, 211, 671-679.	0.7	2
288	Spin Waves in Layered Structures of Antiferromagnetic F.C.C. MnTe. Physica Status Solidi (B): Basic Research, 1998, 206, 787-795.	0.7	11

#	ARTICLE	IF	CITATIONS
289	Interface Roughness Fractality Effects on the Electron Mobility in Semiconducting Quantum Wells. <i>Physica Status Solidi (B): Basic Research</i> , 1998, 209, 319-327.	0.7	11
290	Effects of spin accumulation on single-electron tunneling in a double ferromagnetic microjunction. <i>Europhysics Letters</i> , 1998, 44, 85-90.	0.7	91
291	Magnetoresistance Oscillations due to Charging Effects in Double Ferromagnetic Tunnel Junctions. <i>Physical Review Letters</i> , 1998, 80, 1058-1061.	2.9	277
292	Periodic Enhancement of the Electron-Electron Interactions and the Magnetoresistance in Magnetic Co/(Cr/Ag)/Co Multilayers. <i>Physical Review Letters</i> , 1997, 78, 134-137.	2.9	29
293	Angular dependence of giant magnetoresistance in magnetic multilayers. <i>Physical Review B</i> , 1997, 56, 6079-6085.	1.1	37
294	Spin Waves in a Bilayer with Biquadratic Interlayer Coupling. <i>Physica Status Solidi (B): Basic Research</i> , 1997, 203, 221-228.	0.7	5
295	Oscillations in Magnetoresistance and Interlayer coupling in Magnetic Sandwich Structures. <i>Acta Physica Polonica A</i> , 1997, 91, 253-256.	0.2	2
296	Dependence of Bilinear and Biquadratic Interlayer coupling on Thickness of Magnetic Films. <i>Acta Physica Polonica A</i> , 1997, 91, 257-260.	0.2	1
297	Electronic transport in ultrathin magnetic multilayers. <i>Physical Review B</i> , 1996, 53, 5449-5460.	1.1	60
298	On the Fe thickness dependence of the giant magnetoresistance in epitaxial Fe/Cr superlattices. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 156, 341-342.	1.0	13
299	Parallel magnetoresistance in magnetic multilayers. <i>Physical Review B</i> , 1995, 51, 6348-6357.	1.1	18
300	Influence of Quantum Size Effect and Interface Roughness on the Giant Magnetoresistance in Ultrathin Magnetic Layered Structures. <i>Europhysics Letters</i> , 1995, 32, 167-172.	0.7	30
301	Effects of interchannel transitions in the current-in-plane giant magnetoresistance. <i>Journal of Physics Condensed Matter</i> , 1995, 7, 6437-6448.	0.7	4
302	Interface resistance for perpendicular transport in layered magnetic structures. <i>Physical Review B</i> , 1994, 49, 12835-12838.	1.1	38
303	Interfacial scattering and interface resistance for perpendicular transport in magnetic multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1994, 136, 260-268.	1.0	20
304	Perpendicular magnetoresistance in magnetic multilayers: Theoretical model and discussion (invited). <i>Journal of Applied Physics</i> , 1994, 75, 6693-6698.	1.1	39
305	SPIN WAVES IN MULTILAYERS. , 1994, , 157-206.		5
306	Transport in Magnetic Layered Structures: Giant Magnetoresistance. <i>Acta Physica Polonica A</i> , 1994, 85, 165-177.	0.2	4

#	ARTICLE	IF	CITATIONS
307	Spin Waves in Superlattices with Exchange Coupling between Nearest and Next-Nearest Neighbours. <i>Physica Status Solidi (B): Basic Research</i> , 1993, 176, 465-475.	0.7	10
308	Coupling between two ferromagnetic films through a non-magnetic metallic layer. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 111, L215-L219.	1.0	106
309	On the Hoffmann boundary conditions at the interface between two ferromagnets. <i>Journal of Magnetism and Magnetic Materials</i> , 1991, 102, 319-322.	1.0	21
310	Transfer Matrix Formalism for Retarded Waves in Layered Magnetic Structures. <i>Bulk and Surface Modes. Physica Status Solidi (B): Basic Research</i> , 1991, 165, 529-537.	0.7	6
311	Layered magnetic structures: magnetoresistance due to antiparallel alignment. <i>Vacuum</i> , 1990, 41, 1241-1243.	1.6	13
312	Interface magnetic and collective electronic modes in randomly layered metallic structures. <i>Vacuum</i> , 1990, 41, 1414-1415.	1.6	5
313	Novel magnetoresistance effect in layered magnetic structures: Theory and experiment. <i>Physical Review B</i> , 1990, 42, 8110-8120.	1.1	410
314	Spin waves in exchange-coupled epitaxial double-layers. <i>Journal of Magnetism and Magnetic Materials</i> , 1989, 82, 186-198.	1.0	65
315	Magnetostatic Modes in Disordered Superstructures. <i>Physica Status Solidi (B): Basic Research</i> , 1989, 151, K71.	0.7	0
316	Plasmons in Randomly Layered Systems. <i>Physica Status Solidi (B): Basic Research</i> , 1989, 155, 581-586.	0.7	0
317	Effect of interlayer exchange coupling on spin-wave spectra in magnetic double layers: Theory and experiment. <i>Physical Review B</i> , 1989, 39, 12003-12012.	1.1	127
318	Theory of giant magnetoresistance effects in magnetic layered structures with antiferromagnetic coupling. <i>Physical Review Letters</i> , 1989, 63, 664-667.	2.9	808
319	Magnetostatic Modes in Three-Layered Superlattices. <i>Physica Status Solidi (B): Basic Research</i> , 1988, 145, K55.	0.7	3
320	Non-Reciprocal Character of Wave Propagation in Magnetic Systems with Spontaneous Electric Polarization. <i>Physica Status Solidi (B): Basic Research</i> , 1986, 137, K43.	0.7	3
321	On the Possibility of Resonant Excitation of Spin Waves by an External Electric Field in Electronic-Type Linear Ferromagnetolectrics. <i>Physica Status Solidi (B): Basic Research</i> , 1984, 124, K31.	0.7	3